

# STAINLESS STEEL (SUS316L)

## Chemical Composition (%)

C	Si	Mn	P	S	Ni	Cr	Mo
≦0.030	≦1.00	≦2.00	≦0.045	≦0.030	12.00~15.00	16.00~18.00	2.00~3.00

## Specification

\* The results of each item are reference values.

\* "-" in each item means that it cannot be measured or has not been measured.

SUS316L-H	Thickness Tolerance mm		Hardness HV		Tensile Strength N/mm <sup>2</sup> (MPa)		Elongation %		Surface Roughness(Rz) μm	
	mm	Specification	Result	Specification	Result	Specification	Result	Specification	Result	
0.005	±0.0005	0.0054	-	-	-	-	-	-	-	-
0.010	±0.003	0.011	-	360	-	1124	-	1.4	≦1.00	0.61
0.020	±0.003	0.022	-	367	-	1151	-	2.3	≦1.00	0.54
0.025	±0.003	0.026	-	395	-	1233	-	1.7	≦1.00	0.49
0.030	±0.003	0.031	-	409	-	1278	-	2.2	≦1.00	0.41
0.040	±0.003	0.041	-	321	-	1123	-	1.3	-	-
0.050	±0.004	0.051	-	363	-	1169	-	2.7	≦1.00	0.43
0.060	±0.004	0.061	-	339	-	1087	-	6.0	≦1.00	0.53
0.070	±0.005	0.072	-	356	-	1180	-	2.8	-	-
0.080	±0.004	0.081	-	340	-	-	-	-	-	-
0.100	±0.005	0.101	-	357	-	1132	-	3.5	≦1.00	0.41
0.200	±0.007	0.199	-	328	-	1016	-	1.6	-	-